LX900 Lamp/Filter Replacement Instruction Sheet

INTRODUCTION

These instructions outline the details for Lamp and Filter replacement in the LX900 projector (Model No. 103-014101-01). The lamps are located at the rear of the projector and are accessed by lifting the lamp cover.

KITS REQUIRED

003-120394-01 (Replacement Lamp Type No.: POA-LMP104)

003-002003-01 (Replacement Air Filter)

INSTRUCTIONS

DANGER

Do not drop the lamp assembly or touch a glass bulb! The glass can shatter and may cause injury.

DANGER

Disconnect all power sources to the projector before opening lamp cover.

WARNING

Allow a projector to cool, for at least 45 minutes before you open Lamp Cover. The inside of a projector can become very hot.

NOTICE

Use only a Christie approved Lamp and Filter Kit for your specific projector model.

DANGER

This projector uses a high-pressure lamp which must be handled carefully and properly. Improper handling may result in accidents, injury, or create a fire hazard.

- **Lamp life will differ from lamp to lamp. The environment in which the lamp is used is also a factor.**
- **If the LAMP 1 REPLACE/LAMP 2 REPLACE indicators light up, replace the lamp with a new one IMMEDIATELY after the projector has cooled down. There is a risk of lamp explosion if the lamp is used beyond this point.**
- **Lamp may explode due to vibration, shock or degradation as a result of hours of use as its lifetime draws to an end. Risk of explosion may differ according to the environment or conditions in which the projector and lamp are being used.**

LAMP REPLACEMENT PROCEDURE

When the projector's lamp reaches its end of life, the Lamp Replacement icon appears on the screen and LAMP 1 REPLACE / LAMP 2 REPLACE indicator illuminates orange (Figure 1). Replace the lamp with a new one promptly. The timing when the LAMP REPLACE indicator should light is dependent on the lamp mode. *NOTE: The Lamp replacement icon will not appear when the Display function is set to "Off" or during "Freeze".*

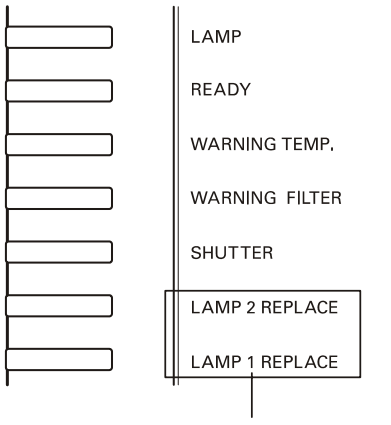

Figure 1 Lamp Indicators

1. Turn off the projector and unplug the AC Power Cord. Let the projector cool for at least 45 minutes. *CAUTION: The inside of the projector can become very hot.*
2. Loosen a screw on the Lamp Cover. Slide and open the Lamp Cover until it makes a clicking sound.
3. Loosen the 2 screws that secure the lamp. Lift the lamp out of the projector.
4. Replace the lamp with a new one and secure the 2 screws. Make sure the lamp is properly seated.
5. Replace the lamp cover and secure the screw.
6. Connect the AC power cord to the projector and turn on the projector.
7. Reset the lamp counter. See "Resetting the Lamp Counter" below.

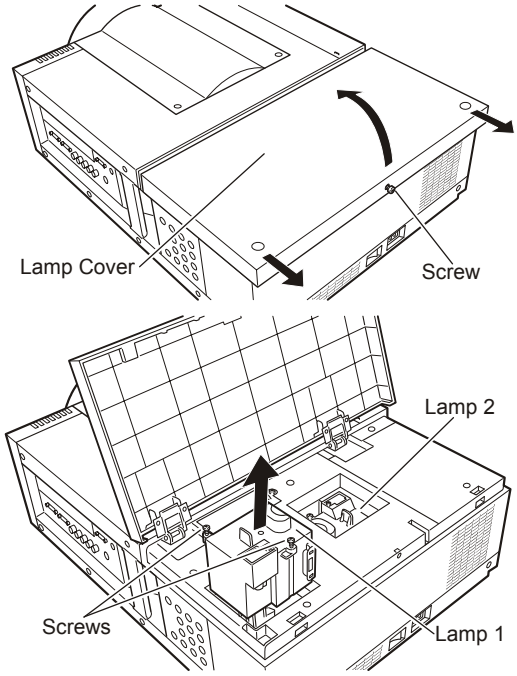

Figure 2 Lamp Replacement

DANGER

Do not operate a projector while any lamp is removed. This may result in malfunctions, fire hazard, or other accidents.

RESETTING THE LAMP COUNTER

Be sure to reset the Lamp counter after the lamp is replaced. When the Lamp counter is reset, the LAMP REPLACE indicator will turn off and the Lamp Replacement icon disappears.

1. Press the MENU button to display the On-Screen Menu. Use the Point ◀▶ buttons to move the red frame pointer to the Setting Menu icon
2. Use the Point ▲▼ buttons to move the red frame pointer to Lamp counter and then press the SELECT button. A dialog box appears. Select a lamp and the "Lamp replacement counter Reset?" appears. Select [Yes] to continue.
3. Another confirmation dialog box appears. Select [Yes] to reset the Lamp counter. *NOTE: Do not reset the Lamp counter before replacing the lamp.*

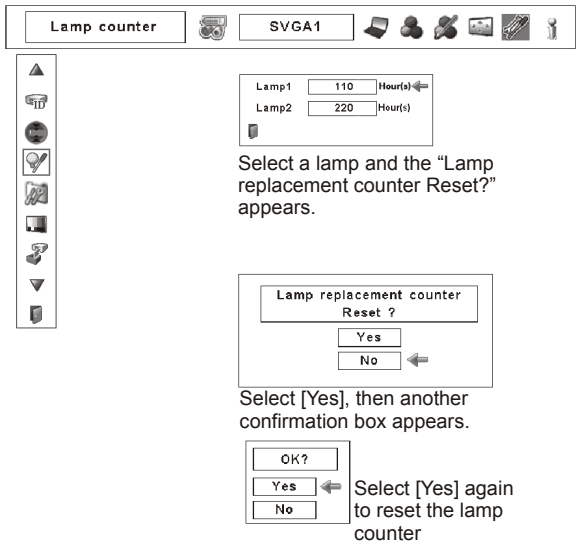

Figure 3 Reset Lamp Counter

FILTER CARE/REPLACEMENT PROCEDURE

The filter prevents dust from accumulating on the optical elements inside the projector. Should the filter become clogged with dust particles, the effectiveness of the cooling fans will be reduced and may result in internal heat buildup which will adversely affect the life of the projector. If the projector reaches a time set in the timer setting, a Filter replacement icon appears on the screen and the WARNING FILTER indicator on the top panel lights up (refer to Figure 1). When you see this icon, replace the filter as soon as possible. If the filter is out of scroll and the projector reaches a time set in the timer setting, appears on the screen indicating filter cartridge replacement is necessary.

When the filter scroll is counted down to 1, the Last scroll icon appears on the screen, indicating there is one scroll left in the filter cartridge.

If the projector detects that the filter is clogged and no scroll is left in the filter cartridge, a Filter cartridge replacement icon appears on the screen and the WARNING FILTER indicator on the top panel lights up (refer to Figure 1). When you see this icon, replace the filter cartridge and reset the Filter counter and the Scroll counter.

When the filter is being scrolled by the remote control or the Filter control function in the setting menu, a Filter replacement icon and “Please wait...” message

appear on the screen and the WARNING FILTER indicator blinks slow (approx. 2 seconds ON, 2 seconds OFF).

The WARNING FILTER indicator blinks fast when the projector detects an abnormal condition, the filter cartridge is not installed properly, or the filter scroll is not working properly.

NOTICES

• The icons will not appear when the Display function is set to “Off”, or during “Freeze” .

• The filter cannot be rewound; it can be scrolled 9 times since the filter cartridge has 10 scrolls.

• The filter cartridge is disposable. Do not clean and reuse the filter cartridge; Do not expose the filter cartridge to water or liquid, or it may cause a malfunction.

• Replace the filter cartridge after all the scroll is used up. If you replace the filter cartridge when there are scrolls remaining in the filter cartridge, the filter counter and the scroll counter do not recognize the correct number of remaining scrolls and the reset function cannot work properly. It may cause a malfunction.

• The used part of the filter can be seen on the edge of the Filter cartridge after scrolling the filter, but there is no problem for the use of the projector.

• Do not use the filter cartridge with other projectors. The filter counter and the scroll counter do not recognize the correct number of remaining scrolls of the used filter cartridge and the reset function cannot work properly. It may cause a malfunction.

• Make sure that the projection lamps are turned off when you are replacing the filter cartridge. If you replace the filter cartridge when the projection lamps are turned on, the projector will be shut down automatically for safety purposes.

• Do not forget to reset the filter counter and the scroll counter after replacing the filter cartridge. If you do not reset the filter counter and the scroll counter, the projector cannot recognize the correct number of remaining scrolls and it may cause a malfunction.

• When the projector is in use for 3 minutes without a new filter cartridge replacement following display “Filter Cartridge Replament” icon, the projector is turned off automatically to prevent damage to the optical components.

1. Turn off the projector, and unplug the AC Line Cord from the AC outlet.
2. First, clean up any dust on the projector and around the air vents.
3. Slide and open the filter cover (see Figure 4).
4. Pull out the filter cartridge by holding the finger grip.
5. Insert a new Filter and close the filter cover. Make sure that the filter cartridge is properly and fully inserted.
6. Connect the AC Line Cord to the projector and turn ON the projector.
7. Reset the Filter counter and the Scroll Counter .

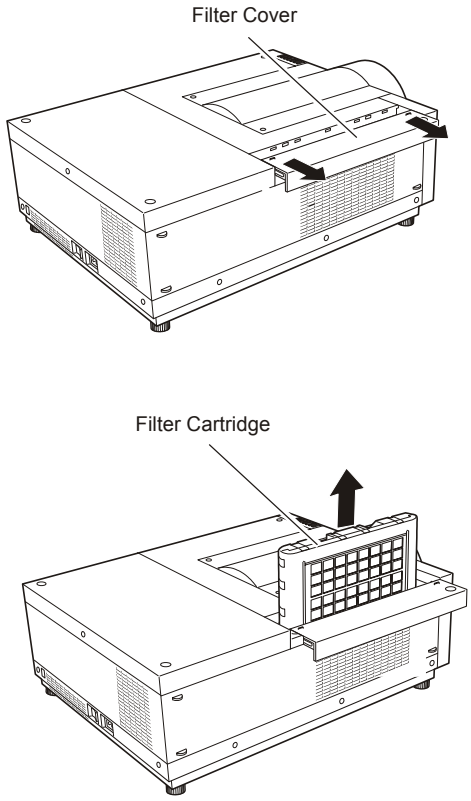

Figure 4 Replace Filter

NOTICES

1) The projector will not turn ON if the filter cartridge is not fully and properly inserted into the projector.

2) Do not put anything into the air intake vents. Doing so may result in a malfunction of the projector.

RESETTING THE FILTER COUNTER

Be sure to reset the Filter counter replacing the filter.

1. Press the MENU button to display the On-Screen Menu. Use the ◀▶ buttons to move the red frame pointer to the Setting Menu icon.
2. Use the ▲▼ buttons to move the red frame pointer to Filter counter and then press the SELECT button. A dialog box appears showing the Used Time option you can scroll to view the remaining Time options. Use the ▲▼ buttons to select Used time.
3. Used time shows the total accumulated time of the filter use, a timer setting option, and the Reset option. Select Reset and the “Filter counter Reset?” appears. Select [Yes] to continue.
4. Another confirmation dialog box appears, select [Yes] to reset the Filter counter.

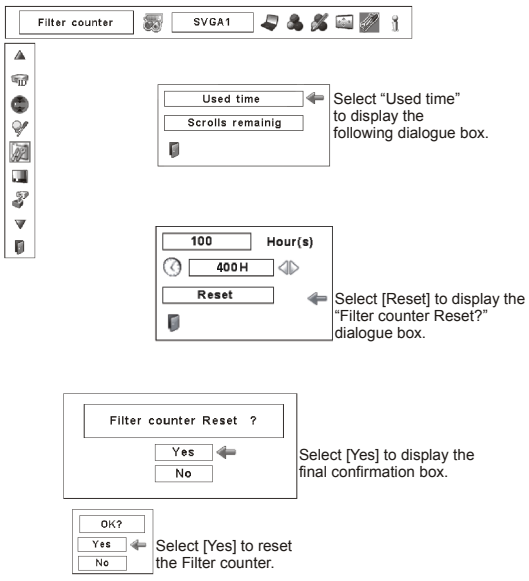

Figure 5 Reset Filter Counter

RESETTING THE SCROLL COUNTER

Be sure to reset the Scroll counter after replacing the filter cartridge.

1. Press the MENU button to display the On-Screen Menu. Use the ◀▶ buttons to move the red frame pointer to the Setting Menu icon.
2. Use the ▲▼ buttons to move the red frame pointer to Filter counter and then press the SELECT button. A dialog box appears showing the Used Time option and the Scrolls remaining option. Use the ▲▼ buttons to select Scroll(s) remaining.
3. Scroll(s) remaining shows the number of the remaining scrolls and the Reset option. Select Reset and the “Scroll counter Reset?” appears. Select [Yes] to continue.
4. Another confirmation dialog box appears; select [Yes] to reset the Scroll counter.

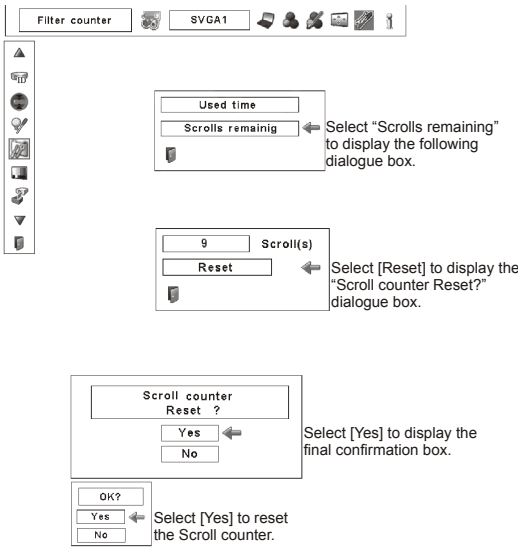

Figure 6 Reset Scroll Counter